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ERRATUM

Letter to the Editor

In the report on the Eighth All-union Conference on Low-temperature Physics [UFN 77, 353 (1962), Soviet Phys. Uspekhi 5, 532 (1962)] the gist of my comments regarding the paper by E. F. Gross and B. P. Zakharchenya (session on Crystal Optics) was not correctly reported. The meaning of my statement is essentially that what is determined in the interesting experiments by Thomas, Hopfield, Gross, and others (effect of electric and magnetic fields on exciton lines) is not the exciton effective mass, but a different quantity having the same dimension. This point of view is developed in detail in the article by V. M. Agranovich and V. L. Ginzburg [UFN 77, 663 (1962), Soviet Phys. Uspekhi 5, 675 (1963)].

V. Agranovich